

2008 58774 W REVISION DATE: 20 DEC 2004  
 ARMY MCA (AS OF 10/27/2005 AT 08:49:11) 06 MAY 2002  
 LAF=1.00 UM=M  
 Fort Example  
 CONUS Rifle/Machinegun Zero Range (ZERO)

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.0 /US\$

PRIMARY FACILITY				830
Target Boots	EA	64	50.06	(3)
One Man Foxhole	EA	32	1,860	(60)
Grading & Drainage	LS	--	--	(4)
Clearing & Grubbing	LS	--	--	(1)
Demolition	LS	--	--	(1)
Total from Continuation page(s)				(761)
SUPPORTING FACILITIES				170
Electric Service	LS	--	--	(170)

ESTIMATED CONTRACT COST	1,000
CONTINGENCY PERCENT (5.00%)	<u>50</u>
SUBTOTAL	1,050
SUPERVISION, INSPECTION & OVERHEAD (5.70%)	<u>60</u>
TOTAL REQUEST	1,110
TOTAL REQUEST (ROUNDED)	1,100
INSTALLED EQT-OTHER APPROPRIATIONS	(0)

Construct a standard Rifle/Machinegun Zero Range(ZERO). Primary facilities include small range operations center, operations/storage building, general instruction building, latrine, bleacher enclosure, covered mess, and ammo breakdown building. Supporting facilities include electric service and information systems. Targetry and instrumentation systems will be funded by Other Procurement, Army (OPA) appropriations. Anti-terrorism/force protection measures include reinforced metal doors, exterior lighting, laminated glass and security grates for windows. Access for individuals with disabilities is not required. Demolish buildings ( \_\_ total m2). Air conditioning (estimated \_\_ kwr).

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9. COST ESTIMATES (CONTINUED)

Item	U/M	Qty	Unit Cost	Cost (\$000)
PRIMARY FACILITY (CONTINUED)				761
Lane Markers	EA	32	239.78	(8)
Security Barrier	LS	--	--	(3)
Range Operations & Control Area	LS	--	--	(82)
Downrange Electrical	LS	--	--	(130)
Control Tower	m2	23.04	7,969	(184)
Operations/Storage Building	m2	74.32	994.59	(74)
General Instruction Building	m2	74.32	999.01	(74)
Latrine, Dual Sex, Aerated Vault	m2	18.02	2,892	(52)
Bleacher Enclosure	m2	54.44	1,260	(69)
Covered Mess	m2	72	764.97	(55)
Ammo Breakdown Building	m2	10.78	2,759	(30)

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11. REQ: 32 FP ADQT: NONE SUBSTD: NONE  
 PROJECT:  
 Construct a Rifle/Machine Gun Zero Range. ([New][Current] mission)

REQUIREMENT:

This information is prepared to address the question "Why is the project needed now?" A continuing need for the project should also be indicated. Include a sentence stating the average daily loads/training throughput. Any alternatives to project construction should be identified along with the corresponding rationale for rejection. In cases where the project is required to support unit activations, stationing actions or equipment modernization, clearly indicate what type of unit or what type of equipment has generated the programming action. List the units generically, not specifically. Also, provide a statement indicating if the project has been validated by the Range Development Plan.

CURRENT SITUATION:

This information is required to answer the questions "How is the need currently being met" and "How does the unit currently operate?" Avoid emotional appeals. Be factual. Do not state that mission is not being met, instead describe the deficiencies in meeting mission. Include all factors considered in determining that the current facilities are not suitable for continued use.

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IMPACT IF NOT PROVIDED:

Information contained in this subsection will describe the results if the project is not approved and constructed. Indicate, where applicable, any adverse impacts on overall mission accomplishment, safety, etc. Do not just repeat the Current Situation. This paragraph defines the forecasted adverse impact on the continuing operation or mission. Begin this subsection with, "If this project is not provided..."

ADDITIONAL:

Information in this subsection is easily entered by using the "Standard Statement Assistance" in the PAX processor. The statement choices for a typical range project follow:> Physical Security ñ 1st choice AT/FP ñ 1st choice Econ Analysis ñ 2nd choice Joint Use Certification ñ 2nd choice Sustainable Principles ñ yes This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

ESTIMATED CONSTRUCTION START:	MAR 2008	INDEX: 2375
ESTIMATED MIDPOINT OF CONSTRUCTION:	SEP 2008	INDEX: 2396
ESTIMATED CONSTRUCTION COMPLETION:	MAR 2009	INDEX: 2417

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U/M	Qty	Unit Cost	Cost (\$000)
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PRIMARY FACILITY.

GENERAL.

1.0)	17710	Target Boots	EA	64	50.06	(3)
1)		Subsurface Sleeve	EA	64	50.07	3
2.0)	17710	One Man Foxhole	EA	32	1,860	(60)
1)		Precast w/ Cover & French Drain	EA	32	1,860	60
3.0)	87120	Grading & Drainage	LS	--	--	(4)
1)		Grading, Drainage & Erosion Pro	LS	--	--	4
4.0)	93210	Clearing & Grubbing	LS	--	--	(1)
1)		Clear Trees & Grub Stumps	LS	--	--	1
5.0)	93310	Demolition	LS	--	--	(1)
1)		Demolition of Existing Structur	LS	--	--	1
6.0)	17710	Lane Markers	EA	32	239.78	(8)
1)		Lane Marker, one per lane	EA	32	239.77	8
7.0)	87250	Security Barrier	LS	--	--	(3)
1)		Steel Pipe Swing Barrier	LS	--	--	3
8.0)	85710	Range Operations & Control Area	LS	--	--	(82)
1)		Fill Under Buildings	LS	--	--	6
2)		Access Road Upgrade	LS	--	--	26
3)		Fencing	LS	--	--	3
4)		Sidewalks	LS	--	--	1
5)		Parking	LS	--	--	12
6)		Grading and Drainage	LS	--	--	30
7)		Range Flag Pole	EA	1	5,839	6
9.0)	81242	Downrange Electrical	LS	--	--	(130)
1)		Power Center	LS	--	--	24
2)		Secondary Utilities	LS	--	--	24
3)		Strobe Lamp on Pole	LS	--	--	3
4)		Testing	LS	--	--	5
5)		Concrete Encasement	LS	--	--	9
6)		Telephone	LS	--	--	3
7)		Floodlight Pole Detail (PA Sys)	LS	--	--	62
10.0)	17123	Control Tower	m2	23.04	7,969	(184)
1)		ARCHITECTURAL/STRUCTURAL	m2	23.04	6,015	139
2)		MECHANICAL	m2	23.04	207.73	5
3)		ELECTRICAL	m2	23.04	1,747	40
11.0)	17122	Operations/Storage Building	m2	74.32	994.59	(74)
1)		ARCHITECTURAL/STRUCTURAL	m2	74.32	693.20	52
2)		MECHANICAL	m2	74.32	89.34	7
3)		ELECTRICAL	m2	74.32	212.05	16
12.0)	17120	General Instruction Building	m2	74.32	999.01	(74)
1)		ARCHITECTURAL/STRUCTURAL	m2	74.32	637.77	47

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		U/M	Qty	Unit Cost	Cost (\$000)
2)	MECHANICAL	m2	74.32	142.84	11
3)	ELECTRICAL	m2	74.32	218.40	16
13.0)	00000 Latrine, Dual Sex, Aerated Vault	m2	18.02	2,892	(52)
1)	ARCHITECTURAL/STRUCTURAL	m2	18.02	1,578	28
2)	MECHANICAL	m2	18.02	908.27	16
3)	ELECTRICAL	m2	18.02	405.14	7
14.0)	00000 Bleacher Enclosure	m2	54.44	1,260	(69)
1)	ARCHITECTURAL/STRUCTURAL	m2	54.44	1,015	55
2)	ELECTRICAL	m2	54.44	244.78	13
15.0)	00000 Covered Mess	m2	72	764.97	(55)
1)	ARCHITECTURAL/STRUCTURAL	m2	70.61	616.45	44
2)	ELECTRICAL	m2	70.61	163.61	12
16.0)	00000 Ammo Breakdown Building	m2	10.78	2,759	(30)
1)	ARCHITECTURAL/STRUCTURAL	m2	16.70	1,149	19
2)	ELECTRICAL	m2	16.70	631.44	11

SUPPORTING FACILITIES.

Electric Service	LS	--	--	(170)
1) Overhead/Underground Primary	LS	--	--	150
2) Communications	LS	--	--	20